

TRANSARC 300Si

Heavy Industrial



300 AMP



3 PHASE

415 V

SPECIFICATIONS

SUPPLY VOLTAGE:

415 volt

3 phase 50Hz

MINIMUM RECOMMENDED GENERATOR:

16 kVA at maximum weld current

WELDING CURRENT RANGE:

5-300 amps

SUPPLY LEAD:

22 amp

DUTY CYCLES:

30% at 300 amps

DUTY CYCLE TEST PERIOD:

5 & 10 minutes

PACKED WEIGHT:

21kg

POWER SOURCE DIMENSIONS:

H420mm x W210mm x D450mm



The Transarc 300Si is a brand new release, 415 volt, 22 amp per phase, full digital control, DC stick-lift TIG power source. Combine this with features like integrated Voltage Reduction Device (VRD), lift TIG start, hot start, arc control and you've got the ultimate unit designed for STICK welding of steel and other DC weldable materials. All welding parameters are variable for complete adjustment of the welding process. All these features are laid out on an easy to use digital display front panel with a single index control knob and push button mode selection.

Features:

- ▲ Standards compliant integrated Voltage Reduction Device features
- ▲ Designed for AS1674.2 category A,B & C environments
- ▲ Intelligent fan operation
- ▲ Embedded micro processor with digital controls
- ▲ Exceptional DC welding characteristics
- ▲ All welding parameters are adjustable
- ▲ Easy to use digital display and panel controls
- ▲ Stick & Lift TIG weld operations
- ▲ Self diagnostic control
- ▲ Single index control knob
- ▲ Compact, lightweight & portable

Transarc 300Si Power Source Contents:

Transarc 300Si Power Source, two dinse plug connectors, operation manual

Ordering Information:

Transarc 300Si Power Source Part No. 625781

Recommended Process:

DC MMAW - Stick

DC GTAW - Lift TIG

Optional Accessories:

Slide Control	Part No. OTD10/2004
Hand Pendant	Part No. OTD10/2005
Foot Control	Part No. OTD10/2007
Hiderok Helmet	Part No. 453833
Dinse Plug Connector	Part No. 704461
TIG torch (4M)	Part No. 424720401
Torch Accessories Kit	Part No. BGSAK2
Gas Hose	Part No. 700433
Flowmeter / Regulator	Part No. 301526
Lead Set (8M)	Part No. 646325
14 Pin Plug	Part No. 7977710

*Supplied with Plant Contents

TRANSTIG 300Pi

Heavy Industrial



300 AMP



DC

3 PHASE

415 V

SPECIFICATIONS

SUPPLY VOLTAGE:

415 volt

3 phase 50Hz

MINIMUM RECOMMENDED GENERATOR:

16 kVA at maximum weld current

WELDING CURRENT RANGE:

5-300 amps

SUPPLY LEAD:

22 amp

DUTY CYCLES:

30% at 300 amps

DUTY CYCLE TEST PERIOD:

5 & 10 minutes

PACKED WEIGHT:

22kg

POWER SOURCE DIMENSIONS:

H420mm x W210mm x D450mm



The Transtig 300Pi is a brand new release, 415 volt, 22 amp per phase, full digital control, DC stick-lift TIG/HF TIG power source. Combine this with features like high frequency start, lift arc start, up/down slope, welding program save/recall, pulse DC, repeat (latch) function, spot in HF TIG mode and you've got the ultimate unit designed for precision TIG welding of stainless steel and other DC weldable materials. All welding parameters are variable for complete adjustment of the welding process. The unit also has an integrated Voltage Reduction Device (VRD) for improved operator safety. All these features are laid out on an easy to use digital display front panel with a single index control knob and push button mode selection.

Features:

- ▲ Standards compliant integrated Voltage Reduction Device features
- ▲ Designed for AS1674.2 category A,B & C environments
- ▲ Save/Load (recall) weld programs
- ▲ Intelligent fan operation
- ▲ Embedded micro processor with digital controls
- ▲ Exceptional DC welding characteristics
- ▲ All welding parameters are adjustable
- ▲ Easy to use digital display and panel controls
- ▲ HF starts TIG, Lift TIG & Stick weld operations

- ▲ 2T, 4T with up/down slope and repeat modes
- ▲ Self diagnostic control
- ▲ Single index control knob
- ▲ Compact, lightweight & portable

Transtig 300Pi Power Source Contents:

Transtig 300Pi Power Source, two dinse plug connectors, inlet gas fitting, operation manual

Ordering Information:

Transtig 300Pi Power Source Part No. 700722

Recommended Process:

DC GTAW - HF Start TIG, Lift TIG, TIG pulse

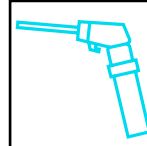
DC MMAW - Stick

Optional Accessories:

Slide Control	Part No. OTD10/2004
Hand Pendant	Part No. OTD10/2005
Foot Control	Part No. OTD10/2007
Hiderok Helmet	Part No. 453833
Dinse Plug Connector	Part No. 704461
TIG torch (4M)	Part No. 528720401
Torch Accessories Kit	Part No. BGSAK2
Gas Hose	Part No. 700433
Flowmeter / Regulator	Part No. 301526
Lead Set (8M)	Part No. 646325
14 Pin Plug	Part No. 7977710

*Supplied with Plant Contents

WELDING EQUIPMENT MANUAL METAL ARC WELDING



SECTION ONE

TRANSTIG 300 AC/DC

Heavy Industrial



300 AMP



SPECIFICATIONS

SUPPLY VOLTAGE:

415 volt

3 phase 50Hz

MINIMUM RECOMMENDED GENERATOR:

16 kVA at maximum weld current

WELDING CURRENT RANGE:

5-300 amps

SUPPLY PLUG AND LEAD:

22 amp

DUTY CYCLES:

25% at 300 amps

DUTY CYCLE TEST PERIOD:

5 & 10 minutes

PACKED WEIGHT:

27kg

POWER SOURCE DIMENSIONS:

H420mm x W210mm x D450mm



The Transtig 300 AC/DC is a brand new release, 415 volt, 22 amp per phase, full digital control, AC/DC, stick/lift TIG/HF TIG power source. Combine this with features like high frequency start, lift arc start, up/down slope, welding program save/recall, pulse on AC or DC, repeat (latch) function, spot in HF TIG mode and you've got the ultimate unit designed for precision TIG welding of all weldable materials. All welding parameters are variable for complete adjustment of the welding process. The unit also has an integrated Voltage Reduction Device (VRD) for improved operator safety.

Features:

- ▲ Standards compliant integrated Voltage Reduction Device
- ▲ Designed for AS1674.2 category A,B & C environments
- ▲ Save/Load (recall) weld programs
- ▲ Intelligent fan operation
- ▲ Embedded micro processor with digital controls
- ▲ Exceptional AC welding characteristics
- ▲ Exceptional DC welding characteristics
- ▲ All welding parameters are adjustable
- ▲ Easy to use digital display and panel controls
- ▲ HF starts TIG, Lift TIG & Stick weld operations
- ▲ 2T, 4T with up/down slope and repeat modes

- ▲ Self diagnostic control
- ▲ Single index control knob
- ▲ Compact, lightweight & portable

Transtig 300 AC/DC Power Source Contents:

Transtig 300 AC/DC Power Source, two dinse plug connectors, inlet gas fitting, operation manual

Ordering Information:

Transtig 300 AC/DC Power Source Part No. 700723

Recommended Process:

AC GTAW - HF start TIG, TIG pulse
DC GTAW - HF start TIG, Lift TIG, TIG pulse
AC MMAW - Stick
DC GTAW - Stick

Optional Accessories:

Slide Control	Part No. OTD10/2004
Hand Pendant	Part No. OTD10/2005
Foot Control	Part No. OTD10/2007
Hiderok Helmet	Part No. 453833
Dinse Plug Connector	Part No. 704461
TIG torch (4M)	Part No. 528720401
Torch Accessories Kit	Part No. BGSACK2
Gas Hose	Part No. 700433
Flowmeter / Regulator	Part No. 301526
Lead Set (8M)	Part No. 646325
14 Pin Plug	Part No. 7977710

*Supplied with Plant Contents

TRANSMIG 400i

Heavy Industrial



SPECIFICATIONS

SUPPLY VOLTAGE:

415 volt

3 phase 50Hz

MINIMUM RECOMMENDED GENERATOR:

24 kVA at maximum weld current

WELDING CURRENT RANGE:

5-400 amps

SUPPLY PLUG AND LEAD:

33 amp

DUTY CYCLES:

30% at 400 amps

60% at 300 amps

DUTY CYCLE TEST PERIOD:

5 & 10 minutes

PACKED WEIGHT:

25kg

POWER SOURCE DIMENSIONS:

H420mm x W210mm x D450mm



The Transmig 400i is a brand new release, 415 volt, 33 amp per phase, full digital control, DC MIG/STICK/lift TIG power source. Features include variable inductance, digital voltmeter and digital ammeter making this the ultimate unit designed for precision MIG welding of steel and other DC weldable materials. The unit also has an integrated Voltage Reduction Device (VRD) for improved operator safety.

Features:

- ▲ Standards compliant integrated Voltage Reduction Device
- ▲ Designed for AS1674.2 category A,B & C environments
- ▲ Save/Load (recall) weld programs
- ▲ Intelligent fan operation
- ▲ Embedded micro processor with digital controls
- ▲ Exceptional DC welding characteristics
- ▲ All welding parameters are adjustable
- ▲ Easy to use digital display and panel controls
- ▲ Digital volt meter and ammeter
- ▲ MIG, Lift TIG & Stick weld operations
- ▲ Variable inductance control in Mig mode
- ▲ Self diagnostic control
- ▲ Single index control knob
- ▲ Compact, lightweight & portable

Transmig 400i Power Source Contents:

Transmig 400i Power Source, two dinse plug connectors, operation manual

Ordering Information:

Transmig 400i Power Source Part No. 710014

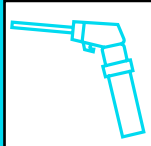
Recommended Process:

DC GMAW - MIG
DC FCAW - Flux Cored MIG
DC GTAW - Lift TIG
DC MMAW - Stick

Optional Accessories:

4R Wirefeeder	Part No. 705700
VA 4R Wirefeeder	Part No. 707013
Tweco No 4 MIG gun	Part No. OTWX412/3545
TWE 4 MIG gun	Part No. T161565367
Work lead 8M	Part No. 705161
Slide Control	Part No. OTD10/2004
Hand Pendant	Part No. OTD10/2005
Foot Control	Part No. OTD10/2007
Hiderok Helmet	Part No. 453833
Dinse Plug Connector	Part No. 704461
TIG torch (4M)	Part No. 424720401
Torch Accessories Kit	Part No. BGSACK2
Gas Hose	Part No. 700433
Flowmeter / Regulator	Part No. 301526
Lead Set (8M)	Part No. 646325
14 Pin Plug	Part No. 7977710

*Supplied with Plant Contents



TRANSARC 400 AC/DC

Heavy Industrial



400 AMP



SPECIFICATIONS

SUPPLY VOLTAGE:

415 volt
2 phase 50 Hz
SUPPLY LEAD:
32 amps

DUTY CYCLE:

30% @ 400 amps AC

30% @ 200 amps DC

RECOMMENDED FUSE SIZE:

60 amps

COOLING:

Fan Cooled

MINIMUM RECOMMENDED GENERATOR:

23 kVA for maximum welding current

WELDING CURRENT RANGE:

55-400 amps AC

50-200 amps DC

OPEN CIRCUIT VOLTAGE RANGE:

45-48 Volts AC

70 Volts DC

POWER SOURCE WEIGHT:

116kg

DIMENSIONS:

H550mm x W410mm x D920mm



This heavy duty, dual range, fan cooled, industrial arc welder has infinitely adjustable welding current from 37 to 400 amps and is designed to operate from a 415 volt, 32 amp outlet. It is designed to meet the requirements of tradesman, maintenance personnel and farmers. The dual range welding output accommodates a wide material range including mild steel, stainless steel, alloy steel, cast iron and copper alloys for electrodes sizes from 2.0mm to 6.0mm.

Features:

- ▲ Fan cooled portable arc welder
- ▲ Welding current is infinitely adjustable from 50 to 400 amps
- ▲ Runs a wide range of electrodes from 2.0 to 6.0mm
- ▲ Heavy duty construction
- ▲ Australia wide service and back up support
- ▲ Designed to Australian Standards
- ▲ Designed for use in category 'A' and 'B' welding environments

Transarc 400 AC/DC Power Source Contents:

Transarc 400 AC/DC Welder, Operating Manual / Welding Guide, Wheeling Kit

Ordering Information:

Transarc 400 AC/DC

Part No. 625740

Optional Accessories:

Hiderok Helmet
Chipping Hammer
Wire Brush (4 row)
Lead Set 400 amp (8M)

Part No. 453833
Part No. 646215
Part No. 646363
Part No. 646325

For the full accessory range turn to the accessories section of this book.



Part No. 646325

TRANSMIG 500i

Heavy Industrial



SPECIFICATIONS

SUPPLY VOLTAGE:

380-415/460 volt
3 phase 50/60Hz
SUPPLY LEAD:
32 amps

MINIMUM RECOMMENDED GENERATOR:

33 kVA for maximum welding current

WELDING CURRENT RANGE:

5-560 amps

DUTY CYCLES:

60% at 560 amps

100% at 450 amps

WELDING ARC VOLTAGE RANGE:

70 volts DC

DUTY CYCLE TEST PERIOD:

10 minutes

PACKED WEIGHT:

72kg

POWER SOURCE DIMENSIONS:

H676mm x W378mm x D584mm



The Transmig 500i is a heavy-duty inverter power source rated at 560 amps, 60% duty cycle. It has optimised, integrated electronic controls, for constant current and constant voltage weld processes. These include Gas Tungsten Arc Welding (Lift TIG), Manual Metal Arc Welding (STICK), Carbon Arc Gouging (CAG), Gas Metal Arc Welding (MIG), and Flux Cored Arc Welding (FCAW). The Transmig 500i provides both 24 Volt and 110 Volt AC through a 14 pin and 19 pin receptacle to power wire feeders and other accessories. The power source also provides auxiliary power of 110 Volt AC, 10 amp on the rear of the machine.

Features:

- ▲ Multi-process MMAW, GTAW, GMAW, FCAW, CAG
- ▲ Heavy Duty Multi-process output for CC and CV
- ▲ Energy saving technology with 90% efficiency
- ▲ Embedded micro processor
- ▲ Compact size, lightweight, excellent performance
- ▲ Infinitely variable 5 to 560 amps
- ▲ Electronic waveform control provides positive arc initiation and low spatter, even with CO₂
- ▲ Exceptional DC welding characteristics & arc control
- ▲ Digital volt meter/ammeter
- ▲ Easy to use controls
- ▲ 110 Volt/ 10 amp auxiliary power

Transmig 500i Power Source Contents:

Transmig 500i Power Source, Two Dinse Plug Connectors, Operating Manual

Ordering Information:

Transmig 500i Power Source

Part No. 710020

Optional Accessories:

600A Welding Lead Set
Hand Pendant
14 Pin Plug
19 Pin Plug

Part No. 646387
Part No. OTD10/2005
Part No. 7977710
Part No. 7977877

*Supplied with Plant Contents